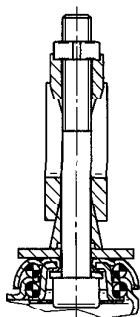


75 - 100 kg

Institutional Castors Series 2470



Housing made of pressed steel, zinc-chromatised, double ball bearing swivel head, wheel axle with nut

Wheel: PJO

Wheel centre: Polypropylene
Tread: TENTEprene
(thermoplastic rubber)
without threadguards,
plain bearing

Wheel: YGO




**electric conductive,
non-marking**
Wheel centre: Polypropylene
Tread: TENTEprene
(thermoplastic rubber)
without threadguards,
plain bearing






2470 PJO 125 R07

Swivel Castor

2470 PJO 075 R07*
2470 PJO 075 R47*
2470 PJO 100 R07
2470 PJO 100 R47
2470 PJO 125 R07
2470 PJO 125 R47
2470 PJO 150 R07
2470 PJO 150 R47

		
mm	mm	mm
075	25	19 - 35
075	25	21,5 - 40
100	32	19 - 35
100	32	21,5 - 40
125	32	19 - 35
125	32	21,5 - 40
150	30	19 - 35
150	30	21,5 - 40




		
mm	mm	kg
24	103	75
24	103	75
38	138	80
38	138	80
41	163	100
41	163	100
45	188	100
45	188	100






2477 PJO 125 R07

Swivel Castor
with total lock

2477 PJO 075 R07*
2477 PJO 075 R47*
2477 PJO 100 R07
2477 PJO 100 R47
2477 PJO 125 R07
2477 PJO 125 R47
2477 PJO 150 R07
2477 PJO 150 R47

		
mm	mm	mm
075	25	19 - 35
075	25	21,5 - 40
100	32	19 - 35
100	32	21,5 - 40
125	32	19 - 35
125	32	21,5 - 40
150	30	19 - 35
150	30	21,5 - 40

		
mm	mm	kg
24	103	75
24	103	75
43,5	138	80
43,5	138	80
41	163	100
41	163	100
36	188	100
36	188	100

Wheel: YGO electric conductive, non-marking

* Wheel Ø 075 mm is also in
electric conductive available.
Please replace PJO with YGO
when ordering



Expanding fittings R07 for round tubes

R07 Ø 19 - 21,5 mm
R07 Ø 21,5 - 24 mm
R07 Ø 24 - 27 mm
R07 Ø 27 - 30 mm
R07 Ø 31 - 35 mm

Please indicate required diam. of
fitting when ordering,
e.g.: R07 Ø 24-27 mm

Expanding fittings R47 for square tubes

R47 □ 21,5 - 24 mm
R47 □ 24 - 27 mm
R47 □ 27 - 30 mm
R47 □ 32 - 35 mm
R47 □ 36 - 40 mm

Please indicate required diam. of
fitting when ordering,
e.g.: R47 □ 24-27 mm

Code Number System

In order to ensure that the ordering procedure is as straightforward as possible, we have developed an order number system which substantially simplifies the ordering process.

Our objective was to set up a product code which is clear and easy for both you and us to understand. Owing to the simple and logical coding system,

TENTE article code numbers permit rapid identification and classification

Article numbers are made up of five alphanumeric sets. Sets describe material, shape, wheel type size and fitting.



1 Housing / Fork

Material	Shape of fork	Swivel system	Type
0 wire or any other metal profile	0 closed	0 fixed stem	0 swivel castor
1 steel sheet, light	1 angular	1 one ball race, edged	1 directional lock
2 steel sheet, medium	2 straight	2 stem, swivelling	2 total lock, head end of castor
3 steel sheet, heavy	3 slim	3 one ball race	3 intermittend (LA) brake
4 steel sheet, very heavy	4 broad	4 precision bearing	4 central-, total- or directional lock
5 Polyamide	5 Twin wheel castor, closed, with dome	5 deep-groove ball thrust and tapered-roller bearings	5 wheel brake
6 zinc-die-casting /Alu	6 broad, reinforced	6 double ball bearing swivel head, weld inside	6 central-, total lock
7 Stainless steel for institutional and equipment castors	7 with spring	7 two ball races	7 total lock, tail end of castor
8 Stainless steel for industrial/transport castors	8 special feature	8 two ball races, reinforced	8 fixed castor
9 cast iron, or iron forged, heavy	9 Twin wheel castor	9 free for fixed castors	9 special feature
A Polypropylene	A Twin wheel castor, closed	A	A
B Polyacetal	B	B	B

2 Wheel

Centre	Tread	Bearing
A	A PUR polyurethane, injected	A plain hub
B heat resistant plastic, one ball race, edged	B PVC, injected	B bore hole with keyway
C	C PUR, poured	C precision ball bearing, stainless
D pressed steel	D shock absorbing, heat resistant	D roller bearing, stainless
E iron, steel	E elastic tyre, black, vulcanized	E cone ball bearing, stainless
F cast iron	F non-marking and elastic tyre blue, vulcanized	F flange wheel
G asymmetric wheel	G electric conductive injected rubber	G self-lubricating bushing
H shockabsorbing wheel body (Hybrid)	H	H plain bearing with threadguards
I Aluminium	I solid rubber non-marking	I plain bearing without threadguards and spacer
J zinc-die-casted	J injected rubber	J roller bearing with threadguards
K	K	K cone ball bearing
L Wood	L solid rubber tyre, semi round bottom	L roller bearing with metal bushing
M polyamide PA, extra heavy duty	M double flanged with tracks	M plain bearing, stainless
N	N PU, foamed	N end wheel
O	O identical with wheel body	O plain bearing without threadguards
P polypropylene PP	P Pneumatic, line profile	P precision ball bearing
Q various plastic-materials	Q Pneum, patterned profile	Q taper bearing
R	R solid rubber	R roller bearing without metal bushing and threadguards
S pressed steel heavy	S electric conductive, PUR injected	S
T polyamide PA, heavy duty	T PUR casted	T
U polyamide PA	U PA	U plain bearing with synthetic spacer
V solid rubber	V solid rubber, black	V
W	W hard-soft rubber	W
X polyamide PA electric conductive	X tyres for waste disposal systems	X precision ball bearing, sealed
Y polypropylene PP, electric conductive	Y electric conductive, solid rubber, black	Y
Z flanged wheel	Z	Z bore, blank

2 9 7 0 DIK 050 S70 - 10 x 15

Housing/fork

Material, design, bearing, type (swivel, fixed or locking castor)

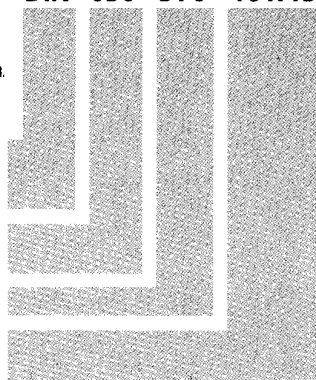
Wheel

Wheel centre material, tread material, bearing

Wheel diameter
in mm

Fitting

Fitting dimensions
in mm



3 Size

The size refers to the wheel diameter (mm) and has to be written of three digits (i. e. 050). Wheels as end-product without housing) have an additional number, standing or the tread width.

4 Fitting

Main group

R to be fitted into vertical tube ends or blind holes

Sub group

R03 rubber expanding (round)
R05 solid plug round
R06 synthetic expander, short (round) DERBY
R07 plastic expanders (round)
R08 reducing bush (round)
R09 knurled bolt
R10 stem threaded for castors for furniture
R15 solid plug, square
R20 plastic sockets (round)
R21 zinc-die-cast sockets

R26 stem for central locking castor, brake limitation
R36 stem for central locking castors, brake limitation, short
R40 plastic sockets (square)
R43 rubber expanding (square)
R46 synthetic expander, short (square) DERBY
R47 plastic expander (square)
R48 reducing bush (square)
R50 plastic sockets, round circlip outside (round)
R75 solid round plug, screwed onto
R85 solid square plug, screwed onto

P to be fitted with screws

P10 stem with U-shaped plate, for castors for furniture
P11 stem with L-shaped plate, for castors for furniture
P30 bolt hole
P31 bolt hole, inner ballrace reinforced
P40 square plate 60 x 60 mm
P41 square plate – special (e.g. 55 x 55 mm)
P50 rectangular plate 77 x 67 mm
P51 rectangular plate 95/90 x 70, standard 75 x 50 mm
P52 rectangular plate 95/90 x 70, US-punching
P53 rectangular plate 55 x 70
P54 rectangular plate 55 x 70, with fixing elements
P60 rectangular plate – special (e.g. 120 x 80 mm)
P61 rectangular plate according EN-R 41, 75 x 60 mm

P62 rectangular plate according EN-R 42, 103 x 84 mm
P63 rectangular plate according EN-R 43, 137 x 105 mm
P64 rectangular plate according EN-R 44, 175 x 140 mm
P65 rectangular plate according EN-R 45, 200 x 160 mm
P66 rectangular plate according EN-R 46, 250 x 200 mm
P67 braking device for total lock
P68 rectangular plate 270 x 250 mm
P69 plate 137 x 105 for central locking castor, can actuation
P72 vertical flange
P73 triangle plate
P74 vertical square plate
P80 round plate

S to be fitted by means of screws or threaded bolts

S10 Threaded stem, for profile acc. to DIN 1998
S50 socket head cap screw, loose fitted
S51 socket head cap screw, loose fitted, inner ball bearing reinforced
S52 socket head cap screw, fixed
S53 socket head cap screw, loose packet
S60 hex screw, loose fitted
S61 hex screw, loose fitted, inner ball bearing reinforced

S62 hex screw, fixed
S63 hex screw, loose packet
S70 threaded stem with hexagon neck (top)
S73 threaded stem with round neck (top) riveted
S74 threaded stem with square neck (top) riveted
S80 wooden screw

H to be fitted into wooden furniture

H40 plastic socket

B for uncomplete fitting

B07 metric screw/thread DIN 13 for R07
B10 stem with circlip, with collar
B11 stem with circlip, without collar
B20 stem without circlip, with collar
B21 stem without circlip, without collar
B30 welding stem

L fittings to be mounted supplementary

L50 with grip ring for B10 fitting
L51 blind hole for B10 fitting

5 Fitting dimensions

Dimensions are listed respectively by length, width and diameter.

(This section has no complex system.)

Symbols



Swivel castor



with bolt and circlip



wheel diameter



Swivel radius



Size of plate



Offset



Width of tyre



Swivel radius for castors with locking mechanism



Hole centres



Overall height



Castor width



Overall height



Hole diameter



Size of plate



with centre hole



Wheel diameter



Hole centres



Furniture glides
Dome diameter



Hole diameter



width of tyre



Hole diameter



foot print



Bolt diameter



Axle hole



centre hole diameter



Bolt with circlip



Bolt length



Length of hub



with threaded stem



Overall height



with threaded stem



Ball bearing seat



with stem and circlip



with expanding stem



Dome diameter



Load capacity